



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

CONFIDENTIAL RECEIVED

8/18/15

JUL 29 2014

FORM OGC-3

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☐ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR

MURCHISON OIL & GAS INC.

DATE

07/16/2014

ADDRESS

1100 MIRA VISTA

CITY

PLANO

STATE

TX

ZIP CODE

75093

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE

3-Rice

WELL NUMBER

6-6-B

ELEVATION (GROUND)

904

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINES)

1815 ft. from ☐ North ☒ South section line 1485 ft. from ☒ East ☐ West section line

WELL LOCATION

Sec. 3 Township 33 North Range 31 ☐ East ☒ West

LATITUDE

37.63781

LONGITUDE

-94.31557

COUNTY

Barton

011

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 1155 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 660 FEET

PROPOSED DEPTH

56'

DRILLING CONTRACTOR, NAME AND ADDRESS

MURCHISON OIL & GAS INC.

ROTARY OR CABLE TOOLS

CORE RIG

APPROX. DATE WORK WILL START

07/16/2014

NUMBER OF ACRES IN LEASE

235

NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 3

NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME

ADDRESS

NO. OF WELLS PRODUCING 0

INJECTION 0

INACTIVE 0

ABANDONED 0

STATUS OF BOND

☐ SINGLE WELL
AMOUNT \$

☒ BLANKET BOND
AMOUNT \$ 20,000.00

☒ ON FILE
☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE. USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM

APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST

AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
NONE TO	BE SET						

I, the Undersigned, state that I am the Geologist of the MOGI (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE

Alto M...

DATE

07/16/2014

PERMIT NUMBER

20041

APPROVED DATE

8-18-14

APPROVED BY

Joseph A. Billman

☒ DRILLER'S LOG REQUIRED

☒ E-LOGS REQUIRED IF RUN

☒ CORE ANALYSIS REQUIRED IF RUN

☒ DRILL SYSTEM TEST INFO REQUIRED IF RUN

☒ SAMPLES REQUIRED

Most extensive core on lease

☐ SAMPLES NOT REQUIRED

☐ WATER SAMPLES REQUIRED AT

NOTE THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, _____ of the _____ (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE

DATE

RECEIVED

FORM OGC-4

JUL 29 2014

Mo Oil & Gas Council



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

OWNER'S NAME Murchison Oil & Gas	
LEASE NAME 3-Rice	COUNTY Barton
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 1815 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South from section line 1485 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West from section line	
WELL LOCATION Sec. <u>3</u> Township <u>33</u> North Range <u>31</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West	
LATITUDE 37.63781	LONGITUDE -94.31557

N

↑

330

A
B

C
D

660

REMARKS	<div style="border: 1px solid black; width: 100px; height: 60px; margin-bottom: 10px;"></div> <div style="display: flex; justify-content: space-between;"> = Murchison Lease Hold Exhibit A </div>
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<p style="text-align: center;">INSTRUCTIONS</p> <p>On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.</p>	<p>This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.</p>		
<p style="text-align: center;">REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143 ONE (1) COPY WILL BE RETURNED</p>	<table style="width:100%;"> <tr> <td style="width: 70%;">REGISTERED LAND SURVEYOR</td> <td style="width: 30%;">NUMBER</td> </tr> </table>	REGISTERED LAND SURVEYOR	NUMBER
REGISTERED LAND SURVEYOR	NUMBER		



Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. Please be patient while your information is retrieved. Your coordinates will be converted to the other formats, the information on the right-hand side of the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the North American Datum of 1983 (NAD83).

☐ Universal Transverse Mercator
[Zone 15 North]

Easting
383928.09543484275 meters

Northing
4166444.3619927727 meters

☒ Decimal Degrees

Latitude
37.63781 °

Longitude
-94.31557 °

☐ Degrees, Minutes and Seconds

Latitude Degrees
37 °

Latitude Minutes
38 '

Latitude Seconds
16.116000000006352 ''

Longitude Degrees
-94 °

Longitude Minutes
18 '

Longitude Seconds
56.05199999997808 ''

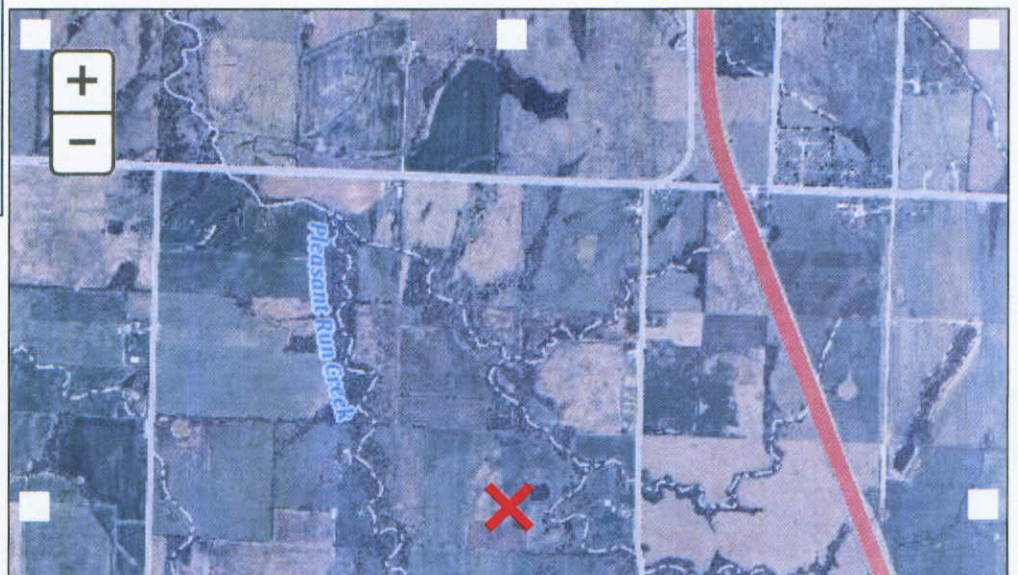
UTM Zone 15N [Easting, Northing]	[383928.0, 4166444.3] meters
Decimal Degrees [Lat, Lon]	[37.63781°, -94.31557°]
Deg, Min, Sec [Lat, Lon]	[37° 38' 16.1", -94° 18' 56.0"]
County Name	Barton
County FIPS Code	011
Legal Description	Section 03 T33N R31W
Municipality	NO VALUE
House District	127
Senate District	31
Congressional District	4
MoDNR Region	Southwest Regional Office
USGS 1:24,000 Quadrangle	Sheldon [37094-F3]
8 Digit Watershed	10290104 [Marmaton]
10 Digit Watershed	1029010404 [Little Dry Wood Creek]
12 Digit Watershed	102901040402 [Pleasant Run Creek]
Special Well Drilling Area	Area 2
Ecological Drainage Unit	Central Plains/Osage/South Grand
Level III Ecoregion	Central Irregular Plains
Query Time	8.797 s

Rows with **red** text indicate that the input location is too close to a boundary to produce reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for the location. For example, not every point in Missouri will lie within a municipal boundary, so some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', your point probably lies outside the state.

Metadata

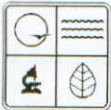
- Roads
- Railroads
- County Boundaries
- Municipal Boundaries
- Lakes and Ponds
- Rivers and Streams
- Missouri River



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FORM OGC-7



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
PLUGGING RECORD

Mo Oil & Gas Council

OWNER'S NAME Muchison Oil & Gas		ADDRESS 1100 Mira Vista Plano, TX 75093	
NAME OF LEASE 3-Rice		WELL NUMBER 6-6-B	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 23495
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY Sec. 3 Township 33 North Range 31 <input type="checkbox"/> East <input checked="" type="checkbox"/> West		LATITUDE 37.63781	LONGITUDE -94.31557
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF:		CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) 0	GAS (MCF/DAY) 0
HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		DRY? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
DATE OF ABANDONMENT 07/28/2014	TOTAL DEPTH 56'	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) 0	GAS (MCF/DAY) 0
		WATER (BBLS/DAY) 0	

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.	Fluid content of each formation	Depth interval of each formation	Size, kind, and depth of plugs used, giving amount of cement.
Blue Jacket	Oil	8-41'	Cement plug up until about 5' to surface

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
none					none

WAS WELL FILLED WITH MUD-LADEN FLUID? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER
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NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

NAME	ADDRESS	DIRECTION FROM THIS WELL
Not Necessary Per GSP O&G		

METHOD OF DISPOSAL OF MUD PIT CONTENTS	n/a
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NOTE	FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)
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CERTIFICATE I, the undersigned, state that I am the Geologist of the Murchison Oil & Gas (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

SIGNATURE 	DATE 07/16/2014
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[illegible]

Attach drillers log or other acceptable log of well if available.
This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.